

## **DESIGN/BUILD**

38. **Discuss the various options, request for direction and proceed with a contract agreement for Lake Mary Blvd. Pedestrian Overpass at Country Club Road and Rinehart Road under DB-608-04/AJR with the Design/Build team of Southland Construction, Inc. and Dyer, Riddle, Mills & Precourt, Inc.**

DB-608-04/AJR will provide a professional Design/Builder for the design and construction of Pedestrian Bridge overpasses on Lake Mary Blvd. The locations selected will cross Lake Mary Blvd. at the west side of the Country Club Road Intersection and at the east side of Rinehart Road Intersection.

This item was discussed on July 26, 2005, and the Board was requesting the City of Lake Mary to fund the difference between Alternate I and Alternate II in the amount of \$660,000.00 and provide for the maintenance of these bridges. The two alternatives are described below:

**Alternative I:** Build two bridges concurrently as proposed with saving primarily in Engineering and Overhead cost, which equates to \$415,000. Cost of two bridges would be \$7,318,000, which averages \$3,659,000 per bridge.

**Alternative II:** Saving from Alternate I, along with removal of decorative roof, arches and panels but leaving the center tower in, this equates to a total savings of \$1,075,000. Cost of two bridges would be \$6,658,000, which averages \$3,329,000 per bridge.

Staff will provide the information received from the City during the BCC meeting. Visual samples of the various alternatives are contained in the backup along with the various written correspondence supporting the above alternatives.

Staff is requesting direction from the Board on the selection of the alternatives and approval to authorize the chairman to execute a contract.

## LAKE MARY PEDESTRIAN BRIDGES

	Base-Price	Alternative-1	Alternative-2	Alternative-3
Country Club Rd/Rinehart Rd	7,733,000	7,318,000	6,658,000	6,418,000
Cost/Savings		415,000 Engineering & Overhead Fees  Concurrent Construction	1,075,000 Engineering/Overhead Fees/Roof, Decorative Arches and Landing Decorative Panels  Concurrent Construction	1,315,000 Same as Alternative-2 Deduct the center tower  Concurrent Construction

Savings From	Savings Conditioned Upon	Deduct Country Club	Deduct Rinehart	Subtotal
Engineering on 2d Bridge	1. Alignment at Rinehart allows for same span length as Country Club. 2. County responsible for property acquisition tasks.		\$ 115,000.00	\$ 115,000.00
General Conditions, Overhead & Profit	(1) Both bridges actually starting at same time. (2) Both bridges actually starting within 60 days of award. (3) Procurement of Pond ROW within 60 days of award. (4) Permission to put foundations and work zone in park wooded area.		\$ 300,000.00	\$ 300,000.00
Deduct Roof and Decorative Arches Except for Center Tower		\$ 230,000.00	\$ 230,000.00	\$ 460,000.00
Deduct Roof and Decorative Arches at Center Tower		\$ 120,000.00	\$ 120,000.00	\$ 240,000.00
Deduct Landing Decorative Panels, Replace with Railing		\$ 100,000.00	\$ 100,000.00	\$ 200,000.00

Total Savings

\$ 1,315,000.00



**ALTERNATIVE 1**





**ALTERNATIVE 2**